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GP2813

In re application of: Dharam Pal Gosain, et al.

DOCKET NO: P99,1160

Serial No: 09/362,055

GROUP ART UNIT: 2813

Filed: July 28, 1999

EXAMINER: L. Schillinger

For: "Semiconductor Device Manufacturing Method"

Assistant Commissioner for Patents,
Washington, D.C. 20231

Transmitted herewith is an amendment in the above-identified application.

☒ No additional fee is required.

The fee has been calculated as shown below.

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CLAIMS AS AMENDED						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	* 10	MINUS	** 20	-0-	() X 9.00 () X 18.00	
INDEP. CLAIMS	* 01	MINUS	** 03	-0-	() X 39.00 () X 78.00	
Application amended to contain any multiple dependent claims not previously paid for.				() YES (X) NO	() \$130.00 () \$260.00 ONE TIME	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					NONE	

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.

- ☐ Applicant petitions the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated _____ for _____ months so that the period for response is extended to _____. A check in the amount of \$ _____ is attached to cover the cost of the extension.
- ☐ A check for \$ _____ is enclosed to cover the cost of _____ extra independent claim.
- ☐ A check for \$ _____ accompanying IDS under 37 CFR 1.97(c) is attached
- ☐ A check for \$ _____ and Petition for Consideration of IDS under 37 CFR 1.97(d) is attached.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 08-2290. A duplicate of this sheet is enclosed.
- When phoning regarding this application, please call (312) 876-0200 - Ext. 3084

BY David R. Metzger (Reg. No. 32,919)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on May 30, 2000.

David R. Metzger
David R. Metzger Attorney for Applicants



-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT B

#6/a
6/100
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5 APPLICANT(S): Dharam Pal Gosain et al. ATTORNEY DOCKET NO: P99,1160
SERIAL NUMBER: 09/362,055 GROUP ART UNIT: 2813
FILED: July 28, 1999 EXAMINER: L. Schillinger
TITLE: SEMICONDUCTOR DEVICE MANUFACTURING METHOD

10 Assistant Commissioner for Patents,
Washington, D.C. 20231

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15 Dear Sir:

In response to the Office Action dated April 13, 2000, Applicant respectfully submits
the following amendments:

IN THE CLAIMS

20 Please amend claim 1 as follows:

1. (Amended) A semiconductor device manufacturing method comprising the steps of:
forming a semiconductor film on a substrate;

forming a hydrogen-containing film on said semiconductor film;

calculating pulse energy beam values for an energy density, a number of pulses, and a

25 pulse width of a pulse energy beam so that said pulse energy beam does not melt said
semiconductor film; and

irradiating said [a] pulse energy beam using said calculated values to heat said
hydrogen-containing film and thereby diffuse hydrogen in said hydrogen-containing film into
said semiconductor layer.

30 Please cancel claim 2 without prejudice.